

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No.		2269-4208.8US (99-0316.08/US)
First Inventor		Vernon M. Williams
Title	STEREOLITHOGRAPHIC METHODS FOR SECURING CONDUCTIVE ELEMENTS TO CONTACTS OF SEMICONDUCTOR DEVICE COMPONENTS	
Express Mail Label No.		EV325772162US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
- Applicant claims small entity status.
See 37 CFR 1.27.
- Specification [Total Pages 37]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [Total Sheets 7]
- Oath or Declaration [Total Pages 1]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 C.F.R. §3.73(b) Statement Power of (when there is an assignee) Attorney
11. English Translation Document (if applicable)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No: 10 / 108,972

Prior application information: Examiner P. Dang

Group / Art Unit: 2818

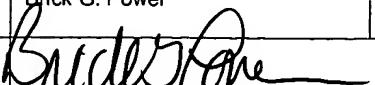
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

 Customer Number or Bar Code Label24247
PATENT TRADEMARK OFFICEor Correspondence address below

Name			
Address			
City	State	Zip Code	
Country	Telephone	Fax	

Name (Print/Type) Brick G. Power Registration No. (Attorney/Agent) 38,581

Signature  Date July 15, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

21910 U.S. PTO
10/61963
07/15/03

17698 U.S. PTO
07/15/03

FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

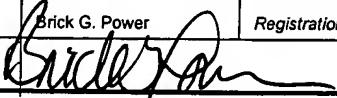
Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 750)

Complete if Known	
Application Number	To be assigned
Filing Date	July 15, 2003
First Named Inventor	Vernon M. Williams
Examiner Name	To be assigned
Group / Art Unit	To be assigned
Attorney Docket No.	2269-4208.8US (99-0316.08/US)

METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)																																																																																																																																							
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money <input type="checkbox"/> Other <input type="checkbox"/> None <input type="checkbox"/> Deposit Account: Deposit Account Number 20-1469				3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Fee Code</td> <td>Fee Code</td> <td>Fee Description</td> <td>Fee Paid</td> </tr> <tr> <td>1051</td> <td>130</td> <td>2051 65</td> <td>Surcharge - late filing fee or oath</td> </tr> <tr> <td>1052</td> <td>50</td> <td>2052 25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> </tr> <tr> <td>1053</td> <td>130</td> <td>1053 130</td> <td>Non-English specification</td> </tr> <tr> <td>1812</td> <td>2,520</td> <td>1812 2,520</td> <td>For filing a request for reexamination</td> </tr> <tr> <td>1804</td> <td>920*</td> <td>1804 920*</td> <td>Requesting publication of SIR prior to Examiner action</td> </tr> <tr> <td>1805</td> <td>1,840*</td> <td>1805 1,840*</td> <td>Requesting publication of SIR after Examiner action</td> </tr> <tr> <td>1251</td> <td>110</td> <td>2251 55</td> <td>Extension for reply within first month</td> </tr> <tr> <td>1252</td> <td>410</td> <td>2252 205</td> <td>Extension for reply within second month</td> </tr> <tr> <td>1253</td> <td>930</td> <td>2253 465</td> <td>Extension for reply within third month</td> </tr> <tr> <td>1254</td> <td>1,450</td> <td>2254 725</td> <td>Extension for reply within fourth month</td> </tr> <tr> <td>1255</td> <td>1,970</td> <td>2255 985</td> <td>Extension for reply within fifth month</td> </tr> <tr> <td>1401</td> <td>320</td> <td>2401 160</td> <td>Notice of Appeal</td> </tr> <tr> <td>1402</td> <td>320</td> <td>2402 160</td> <td>Filing a brief in support of an appeal</td> </tr> <tr> <td>1403</td> <td>280</td> <td>2403 140</td> <td>Request for oral hearing</td> </tr> <tr> <td>1451</td> <td>1,510</td> <td>1451 1,510</td> <td>Petition to institute a public use proceeding</td> </tr> <tr> <td>1452</td> <td>110</td> <td>2452 55</td> <td>Petition to revive - unavoidable</td> </tr> <tr> <td>1453</td> <td>1,300</td> <td>2453 650</td> <td>Petition to revive - unintentional</td> </tr> <tr> <td>1501</td> <td>1,300</td> <td>2501 650</td> <td>Utility issue fee (or reissue)</td> </tr> <tr> <td>1502</td> <td>470</td> <td>2502 235</td> <td>Design issue fee</td> </tr> <tr> <td>1503</td> <td>630</td> <td>2503 315</td> <td>Plant issue fee</td> </tr> <tr> <td>1460</td> <td>130</td> <td>1460 130</td> <td>Petitions to the Commissioner</td> </tr> <tr> <td>1807</td> <td>50</td> <td>1807 50</td> <td>Processing fee under 37 CFR 1.17 (q)</td> </tr> <tr> <td>1806</td> <td>180</td> <td>1806 180</td> <td>Submission of Information Disclosure Stmt</td> </tr> <tr> <td>8021</td> <td>40</td> <td>8021 40</td> <td>Recording each patent assignment per property (times number of properties)</td> </tr> <tr> <td>1809</td> <td>750</td> <td>2809 375</td> <td>Filing a submission after final rejection (37 CFR § 1.129(a))</td> </tr> <tr> <td>1810</td> <td>750</td> <td>2810 375</td> <td>For each additional invention to be examined (37 CFR § 1.129(b))</td> </tr> <tr> <td>1801</td> <td>750</td> <td>2801 375</td> <td>Request for Continued Examination (RCE)</td> </tr> <tr> <td>1802</td> <td>900</td> <td>1802 900</td> <td>Request for expedited examination of a design application</td> </tr> <tr> <td colspan="4">Other fee (specify) _____</td> </tr> <tr> <td colspan="4">*Reduced by Basic Filing Fee Paid</td> </tr> <tr> <td colspan="4">SUBTOTAL (3) (\$ 0)</td> </tr> </tbody> </table>				Large Entity	Small Entity	Fee Description	Fee Paid	Fee Code	Fee Code	Fee Description	Fee Paid	1051	130	2051 65	Surcharge - late filing fee or oath	1052	50	2052 25	Surcharge - late provisional filing fee or cover sheet	1053	130	1053 130	Non-English specification	1812	2,520	1812 2,520	For filing a request for reexamination	1804	920*	1804 920*	Requesting publication of SIR prior to Examiner action	1805	1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	1251	110	2251 55	Extension for reply within first month	1252	410	2252 205	Extension for reply within second month	1253	930	2253 465	Extension for reply within third month	1254	1,450	2254 725	Extension for reply within fourth month	1255	1,970	2255 985	Extension for reply within fifth month	1401	320	2401 160	Notice of Appeal	1402	320	2402 160	Filing a brief in support of an appeal	1403	280	2403 140	Request for oral hearing	1451	1,510	1451 1,510	Petition to institute a public use proceeding	1452	110	2452 55	Petition to revive - unavoidable	1453	1,300	2453 650	Petition to revive - unintentional	1501	1,300	2501 650	Utility issue fee (or reissue)	1502	470	2502 235	Design issue fee	1503	630	2503 315	Plant issue fee	1460	130	1460 130	Petitions to the Commissioner	1807	50	1807 50	Processing fee under 37 CFR 1.17 (q)	1806	180	1806 180	Submission of Information Disclosure Stmt	8021	40	8021 40	Recording each patent assignment per property (times number of properties)	1809	750	2809 375	Filing a submission after final rejection (37 CFR § 1.129(a))	1810	750	2810 375	For each additional invention to be examined (37 CFR § 1.129(b))	1801	750	2801 375	Request for Continued Examination (RCE)	1802	900	1802 900	Request for expedited examination of a design application	Other fee (specify) _____				*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$ 0)			
Large Entity	Small Entity	Fee Description	Fee Paid																																																																																																																																								
Fee Code	Fee Code	Fee Description	Fee Paid																																																																																																																																								
1051	130	2051 65	Surcharge - late filing fee or oath																																																																																																																																								
1052	50	2052 25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																								
1053	130	1053 130	Non-English specification																																																																																																																																								
1812	2,520	1812 2,520	For filing a request for reexamination																																																																																																																																								
1804	920*	1804 920*	Requesting publication of SIR prior to Examiner action																																																																																																																																								
1805	1,840*	1805 1,840*	Requesting publication of SIR after Examiner action																																																																																																																																								
1251	110	2251 55	Extension for reply within first month																																																																																																																																								
1252	410	2252 205	Extension for reply within second month																																																																																																																																								
1253	930	2253 465	Extension for reply within third month																																																																																																																																								
1254	1,450	2254 725	Extension for reply within fourth month																																																																																																																																								
1255	1,970	2255 985	Extension for reply within fifth month																																																																																																																																								
1401	320	2401 160	Notice of Appeal																																																																																																																																								
1402	320	2402 160	Filing a brief in support of an appeal																																																																																																																																								
1403	280	2403 140	Request for oral hearing																																																																																																																																								
1451	1,510	1451 1,510	Petition to institute a public use proceeding																																																																																																																																								
1452	110	2452 55	Petition to revive - unavoidable																																																																																																																																								
1453	1,300	2453 650	Petition to revive - unintentional																																																																																																																																								
1501	1,300	2501 650	Utility issue fee (or reissue)																																																																																																																																								
1502	470	2502 235	Design issue fee																																																																																																																																								
1503	630	2503 315	Plant issue fee																																																																																																																																								
1460	130	1460 130	Petitions to the Commissioner																																																																																																																																								
1807	50	1807 50	Processing fee under 37 CFR 1.17 (q)																																																																																																																																								
1806	180	1806 180	Submission of Information Disclosure Stmt																																																																																																																																								
8021	40	8021 40	Recording each patent assignment per property (times number of properties)																																																																																																																																								
1809	750	2809 375	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																								
1810	750	2810 375	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																								
1801	750	2801 375	Request for Continued Examination (RCE)																																																																																																																																								
1802	900	1802 900	Request for expedited examination of a design application																																																																																																																																								
Other fee (specify) _____																																																																																																																																											
*Reduced by Basic Filing Fee Paid																																																																																																																																											
SUBTOTAL (3) (\$ 0)																																																																																																																																											
Total Claims 16 -20 ** = 0 X 18 = 0 Independent Claims 1 -3 ** = 0 X 84 = 0 Multiple Dependent X = 0																																																																																																																																											
1. BASIC FILING FEE <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Fee Code</td> <td>Fee Code</td> <td>Fee Description</td> <td>Fee Paid</td> </tr> <tr> <td>1001</td> <td>2001</td> <td>Utility filing fee</td> <td>750</td> </tr> <tr> <td>1002</td> <td>2002</td> <td>Design filing fee</td> <td></td> </tr> <tr> <td>1003</td> <td>2003</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>1004</td> <td>2004</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>1005</td> <td>2005</td> <td>Provisional filing fee</td> <td></td> </tr> </tbody> </table>				Large Entity	Small Entity	Fee Description	Fee Paid	Fee Code	Fee Code	Fee Description	Fee Paid	1001	2001	Utility filing fee	750	1002	2002	Design filing fee		1003	2003	Plant filing fee		1004	2004	Reissue filing fee		1005	2005	Provisional filing fee																																																																																																													
Large Entity	Small Entity	Fee Description	Fee Paid																																																																																																																																								
Fee Code	Fee Code	Fee Description	Fee Paid																																																																																																																																								
1001	2001	Utility filing fee	750																																																																																																																																								
1002	2002	Design filing fee																																																																																																																																									
1003	2003	Plant filing fee																																																																																																																																									
1004	2004	Reissue filing fee																																																																																																																																									
1005	2005	Provisional filing fee																																																																																																																																									
2. EXTRA CLAIM FEES <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td>16</td> <td>-20 **</td> <td>= 0</td> <td>X 18 = 0</td> </tr> <tr> <td>Independent Claims</td> <td>1</td> <td>-3 **</td> <td>= 0</td> <td>X 84 = 0</td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td></td> <td></td> <td>X = 0</td> </tr> </tbody> </table>				Large Entity	Small Entity	Extra Claims	Fee from below	Fee Paid	Total Claims	16	-20 **	= 0	X 18 = 0	Independent Claims	1	-3 **	= 0	X 84 = 0	Multiple Dependent				X = 0																																																																																																																				
Large Entity	Small Entity	Extra Claims	Fee from below	Fee Paid																																																																																																																																							
Total Claims	16	-20 **	= 0	X 18 = 0																																																																																																																																							
Independent Claims	1	-3 **	= 0	X 84 = 0																																																																																																																																							
Multiple Dependent				X = 0																																																																																																																																							
3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Fee Code</td> <td>Fee Code</td> <td>Fee Description</td> <td>Fee Paid</td> </tr> <tr> <td>1202</td> <td>2202</td> <td>Claims in excess of 20</td> <td></td> </tr> <tr> <td>1201</td> <td>2201</td> <td>Independent claims in excess of 3</td> <td></td> </tr> <tr> <td>1203</td> <td>2203</td> <td>Multiple dependent claim, if not paid</td> <td></td> </tr> <tr> <td>1204</td> <td>2204</td> <td>** Reissue independent claims over original patent</td> <td></td> </tr> <tr> <td>1205</td> <td>2205</td> <td>** Reissue claims in excess of 20 and over original patent</td> <td></td> </tr> </tbody> </table>				Large Entity	Small Entity	Fee Description	Fee Paid	Fee Code	Fee Code	Fee Description	Fee Paid	1202	2202	Claims in excess of 20		1201	2201	Independent claims in excess of 3		1203	2203	Multiple dependent claim, if not paid		1204	2204	** Reissue independent claims over original patent		1205	2205	** Reissue claims in excess of 20 and over original patent																																																																																																													
Large Entity	Small Entity	Fee Description	Fee Paid																																																																																																																																								
Fee Code	Fee Code	Fee Description	Fee Paid																																																																																																																																								
1202	2202	Claims in excess of 20																																																																																																																																									
1201	2201	Independent claims in excess of 3																																																																																																																																									
1203	2203	Multiple dependent claim, if not paid																																																																																																																																									
1204	2204	** Reissue independent claims over original patent																																																																																																																																									
1205	2205	** Reissue claims in excess of 20 and over original patent																																																																																																																																									
SUBTOTAL (2) (\$ 0)																																																																																																																																											

**or number previously paid, if greater; For Reissues, see above

SUBMITTED BY						Complete (if applicable)	
Name (Print/Type)	Brick G. Power	Registration No. Attorney/Agent)	38,581	Telephone	801-532-1922		
Signature				Date	July 15, 2003		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.